

WHAT IS CLAIMED IS:

1. A process for making a fiber reinforced molded article comprising
 - 5 (i) melting a thermoplastic resin,
 - (ii) introducing and homogeneously distributing at least one fiber strands to the molten resin to form a mixture of fibers and molten resin and
 - (iii) molding the article by injection or by compression molding, and
 - 10 (iv) solidifying the article,
- where the fiber strands have a fiber length of 2 to 25mm and where the molded article contains fibers the mean length of which is at least 400 μm , said process characterized in the absence of cooling or solidifying
15 between said (ii) and (iii).
2. The process of Claim 1 where the fibers bundle contains fibers having a mean diameter of 9 to 17 μm .
- 20 3. The process of Claim 1 where the fibers bundle contains fibers having a mean diameter of 6 to 17 μm .
4. The process of Claim 1 wherein the thermoplastic resin comprise polyamide.
- 25 5. The process of Claim 4 wherein the polyamide is at least one member selected from the group consisting of PA6 and PA66.

6. The process of Claim 1 wherein the thermoplastic resin comprise polyester.
7. The process of Claim 6 wherein the polyester is polybutylene terephthalate.
8. The process of Claim 6 wherein the polyester is polyethylene terephthalate.
- 10 9. The process of Claim 1 wherein the thermoplastic resin is polypropylene.
10. The article prepared by the process of Claim 1.